```
LL        IIIIII  BBBBBBBB    CCCCCCC  VV      VV  TTTTTTTTTT  TTTTTTTTTT  PPPPPPP      000000
LL        IIIIII  BBBBBBBB    CCCCCCC  VV      VV  TTTTTTTTTT  TTTTTTTTTT  PPPPPPPP     000000
LL          II    BB     BB  CC        VV      VV      TT          TT      PP      PP  00    00
LL          II    BB     BB  CC        VV      VV      TT          TT      PP      PP  00    00
LL          II    BB     BB  CC        VV      VV      TT          TT      PP      PP  00    00
LL          II    BB     BB  CC        VV      VV      TT          TT      PP      PP  00    00
LL          II    BBBBBBBB   CC        VV      VV      TT          TT      PPPPPPPP    00    00
LL          II    BBBBBBBB   CC        VV      VV      TT          TT      PPPPPPP     00    00
LL          II    BB     BB  CC        VV      VV      TT          TT      PP          00    00
LL          II    BB     BB  CC         VV    VV       TT          TT      PP          00    00
LL          II    BB     BB  CC          VV  VV        TT          TT      PP          00    00  ....
LLLLLLLLLL  IIIIII  BBBBBBBB  CCCCCCC     VV           TT          TT      PP            000000   ....
LLLLLLLLLL  IIIIII  BBBBBBBB  CCCCCCC     VV           TT          TT      PP            000000   ....


LL        IIIIII  SSSSSSSS
LL        IIIIII  SSSSSSSS
LL          II    SS
LL          II    SS
LL          II    SS
LL          II    SS
LL          II      SSSSSS
LL          II      SSSSSS
LL          II          SS
LL          II          SS
LL          II          SS
LL          II          SS
LLLLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLLLL  IIIIII  SSSSSSSS
```

```
0000        1                .TITLE  LIB$AB_CVTTP_O   Overpunch to Packed Translation Table
0000        2                .IDENT  /1-0037          ; File: LIBCVTTPO.MAR
0000        3
0000        4        ;
0000        5        ;************************************************************************
0000        6        ;*                                                                      *
0000        7        ;*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                             *
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0000       23        ;*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.              *
0000       24        ;*                                                                      *
0000       25        ;*                                                                      *
0000       26        ;************************************************************************
0000       27        ;
0000       28        ;
0000       29        ; FACILITY: LIBRARY SUPPORT
0000       30        ;++
0000       31        ; ABSTRACT:
0000       32        ;       This module contains the translation table for overpunch to packed
0000       33        ;       conversion using the CVTTP instruction.
0000       34        ;
0000       35        ;
0000       36        ;--
0000       37        ;
0000       38        ; VERSION: 1
0000       39        ;
0000       40        ; HISTORY:
0000       41        ;
0000       42        ; AUTHOR:
0000       43        ;       Marty Jack, 11-Mar-1979
0000       44        ;
0000       45        ; MODIFIED BY:
0000       46        ;
0000       47        ;
0000       48        ;
```

LIB$AB_CVTTP_O
1-003

K 4
Overpunch to Packed Translation Table   15-SEP-1984 23:53:22   VAX/VMS Macro V04-00   Page   2
HISTORY ; Detailed Current Edit History 6-SEP-1984 11:05:02   LLIBRTL.SRC]LIBCVTTPO.MAR;1   (2)

```
0000    50              .SBTTL  HISTORY         ; Detailed Current Edit History
0000    51
0000    52
0000    53 ; Edit History for Version 1 of LIBCVTTPO
0000    54 ;
0000    55 ; 1-001 - Original.  MLJ 11-Mar-1979
0000    56 ; 1-002 - Created LIBCVTTPO from rev. 1 of COBCVTTPO. RKR 21-Aug-1979
0000    57 ; 1-003 - Cosmetic changes.  RKR 21-OCT-79
```

```
                   0000      59              .SBTTL  DECLARATIONS
                   0000      60
                   0000      61 ;
                   0000      62 ; INCLUDE FILES:
                   0000      63 ;
                   0000      64
                   0000      65 ;
                   0000      66 ; EXTERNAL SYMBOLS:
                   0000      67 ;     NONE
                   0000      68 ;
                   0000      69
                   0000      70 ;
                   0000      71 ; MACROS:
                   0000      72 ;     NONE
                   0000      73 ;
                   0000      74
                   0000      75 ;
                   0000      76 ; PSECT DECLARATIONS:
               00000000      77         .PSECT  _LIB$CODE        PIC, SHR, LONG, EXE, NOWRT
                   0000      78
                   0000      79 ;
                   0000      80 ; EQUATED SYMBOLS:
                   0000      81 ;     NONE
                   0000      82 ;
                   0000      83
                   0000      84 ;
                   0000      85 ; OWN STORAGE:
                   0000      86 ;     NONE
                   0000      87 ;
```

```
                                    0000      89                      .SBTTL  LIB$AB_CVTTP_O
                                    0000      90
                                    0000      91      ;++
                                    0000      92      ; FUNCTIONAL DESCRIPTION:
                                    0000      93      ;
                                    0000      94      ;         This is the overpunch to packed translation table.
                                    0000      95      ;
                                    0000      96      ;--
                                    0000      97
                                    0000      98      LIB$AB_CVTTP_O::
00 00 00 00 00 00 00 00             0000      99              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             0008     100              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             0010     101              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             0018     102              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 0D 00 00             0020     103              .BYTE   ^X00,^X0D,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             0028     104              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
7C 6C 5C 4C 3C 2C 1C 0C             0030     105              .BYTE   ^X0C,^X1C,^X2C,^X3C,^X4C,^X5C,^X6C,^X7C
0C 00 00 00 0D 9C 8C                0038     106              .BYTE   ^X8C,^X9C,^X0D,^X00,^X00,^X00,^X00,^X0C
7C 6C 5C 4C 3C 2C 1C 00             0040     107              .BYTE   ^X00,^X1C,^X2C,^X3C,^X4C,^X5C,^X6C,^X7C
6D 5D 4D 3D 2D 1D 9C 8C             0048     108              .BYTE   ^X8C,^X9C,^X1D,^X2D,^X3D,^X4D,^X5D,^X6D
00 00 00 00 00 9D 8D 7D             0050     109              .BYTE   ^X7D,^X8D,^X9D,^X00,^X00,^X00,^X00,^X00
00 00 0D 00 0C 00 00 00             0058     110              .BYTE   ^X00,^X00,^X00,^X0C,^X00,^X0D,^X00,^X00
00 00 00 00 00 00 00 00             0060     111              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             0068     112              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             0070     113              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 0D 00 0C 00 00 00             0078     114              .BYTE   ^X00,^X00,^X00,^X0C,^X00,^X0D,^X00,^X00
00 00 00 00 00 00 00 00             0080     115              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             0088     116              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             0090     117              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             0098     118              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00A0     119              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00A8     120              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00B0     121              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00B8     122              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00C0     123              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00C8     124              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00D0     125              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00D8     126              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00E0     127              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00E8     128              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00F0     129              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
00 00 00 00 00 00 00 00             00F8     130              .BYTE   ^X00,^X00,^X00,^X00,^X00,^X00,^X00,^X00
                                    0100     131      ;
                                    0100     132      ;              .END
```

LIB$AB_CVTTP_O   00000000 RG   01

```
                                    +------------------+
                                    ! Psect synopsis !
                                    +------------------+

PSECT name                      Allocation          PSECT No.  Attributes
----------                      ----------          ---------  ----------
.  ABS  .                       00000000 (    0.)   00 (  0.)  NOPIC  USR  CON  ABS  LCL NOSHR NOEXE NORD  NOWRT NOVEC BYTE
_LIB$CODE                       00000100 (  256.)   01 (  1.)    PIC  USR  CON  REL  LCL   SHR   EXE   RD  NOWRT NOVEC LONG

                              +----------------------------+
                              ! Performance indicators !
                              +----------------------------+

Phase                   Page faults    CPU Time      Elapsed Time
-----                   -----------    --------      ------------
Initialization                  29    00:00:00.03    00:00:02.46
Command processing             114    00:00:00.33    00:00:02.85
Pass 1                          66    00:00:00.44    00:00:04.14
Symbol table sort                0    00:00:00.00    00:00:00.00
Pass 2                          38    00:00:00.22    00:00:02.84
Symbol table output              1    00:00:00.00    00:00:00.00
Psect synopsis output            3    00:00:00.02    00:00:00.56
Cross-reference output           0    00:00:00.00    00:00:00.00
Assembler run totals           253    00:00:01.04    00:00:12.85
```

The working set limit was 900 pages.
2623 bytes (6 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
132 source lines were read in Pass 1, producing 8 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

```
                              +-----------------------------+
                              ! Macro library statistics !
                              +-----------------------------+

Macro library name                          Macros defined
------------------                          --------------
_$255$DUA28:[SYSLIB]STARLET.MLB;2                 0
```

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS$:LIBCVTTPO/OBJ=OBJ$:LIBCVTTPO MSRC$:LIBCVTTPO/UPDATE=(ENH$:LIBCVTTPO)

LIBCVTTPU
LIS

LIBCVTUO
LIS

LIBDECOVE
LIS

LIBDAY
LIS

LIBCVTOU
LIS

LIBCVTPTU
LIS

LIBCVTTPO
LIS

LIBDECODF
LIS

LIBDOCOM
LIS

LIBCVTTPZ
LIS

LIBDATETI
LIS

LIBDELETE
LIS

LIBCVTPTO
LIS

LIBDAYWK
LIS

LIBCVTPTZ
LIS